

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
 Data File : VN050416.D
 Acq On : 7 Aug 2018 5:31
 Operator : MD\SY
 Sample : J4347-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CONCRETE-PILE-1

Quant Time: Aug 07 08:18:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	632932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1042047	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	927277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	397008	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	446684	52.82	ug/l	0.00
Spiked Amount 50.000			Recovery =	105.64%		
35) Dibromofluoromethane	7.60	113	403876	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.60%		
50) Toluene-d8	10.09	98	1450893	46.15	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.30%		
62) 4-Bromofluorobenzene	12.40	95	434307	40.53	ug/l	0.00
Spiked Amount 50.000			Recovery =	81.06%		

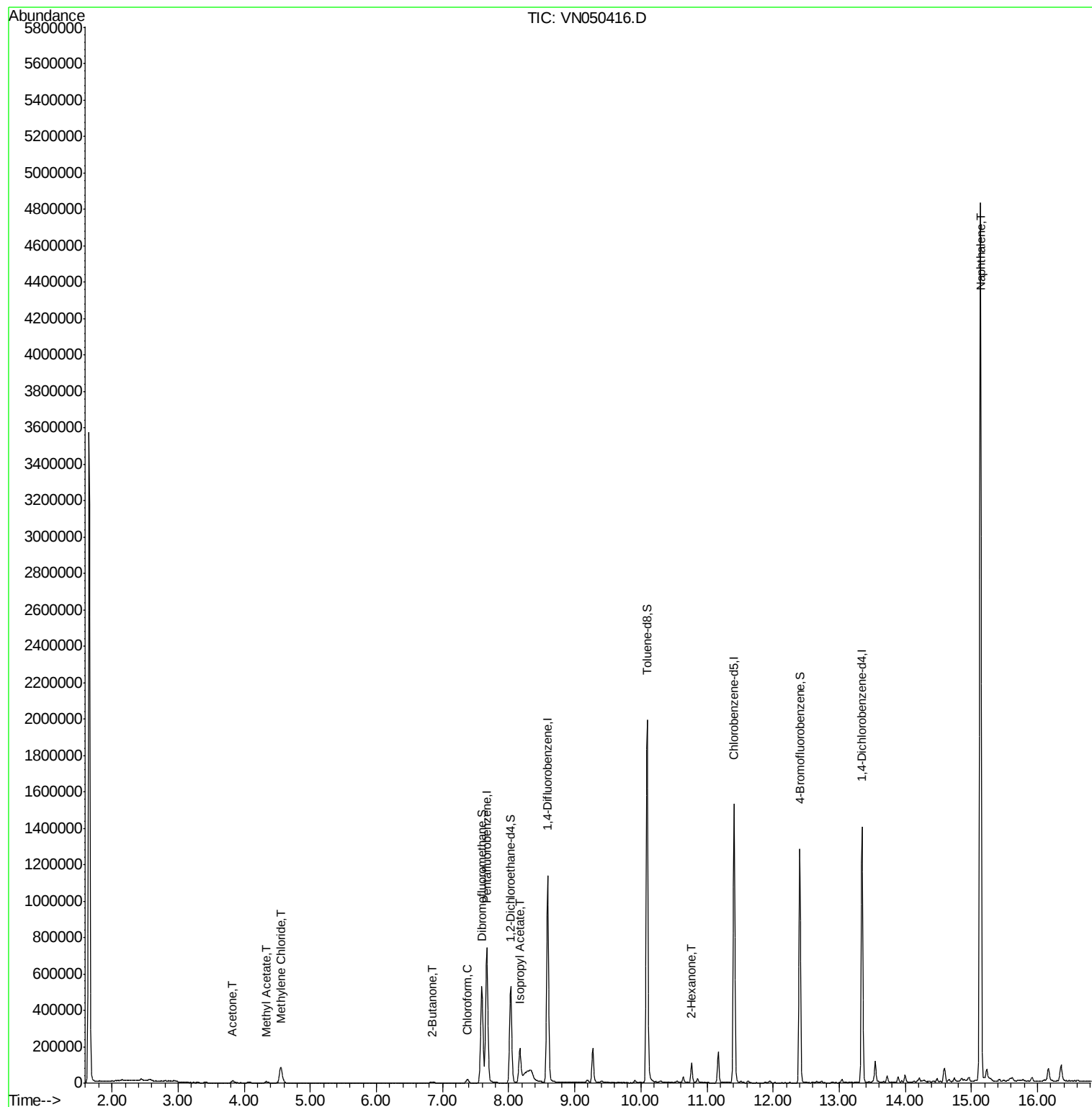
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	19218	7.27	ug/l	98
18) Methyl Acetate	4.34	43	13141	1.82	ug/l	94
20) Methylene Chloride	4.55	84	67268	7.40	ug/l	98
25) 2-Butanone	6.85	43	4196	1.00	ug/l	97
30) Chloroform	7.37	83	20657	1.50	ug/l	94
43) Isopropyl Acetate	8.17	43	232774	16.35	ug/l	98
59) 2-Hexanone	10.77	43	14848	2.08	ug/l #	58
95) Naphthalene	15.14	128	4097413	201.34	ug/l	100

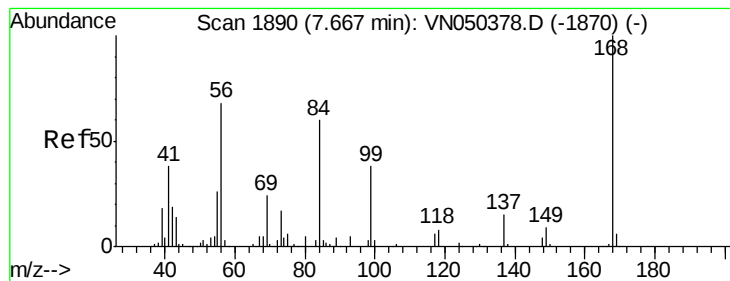
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050416.D

Acq: 7 Aug 2018 5:31

Instrument :

MSVOA_N

ClientSampleId :

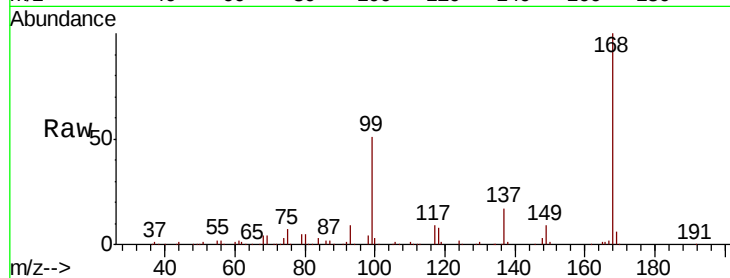
CONCRETE-PILE-1

Tot Ion:168 Resp: 632932

Ion Ratio Lower Upper

168 100

99 51.1 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

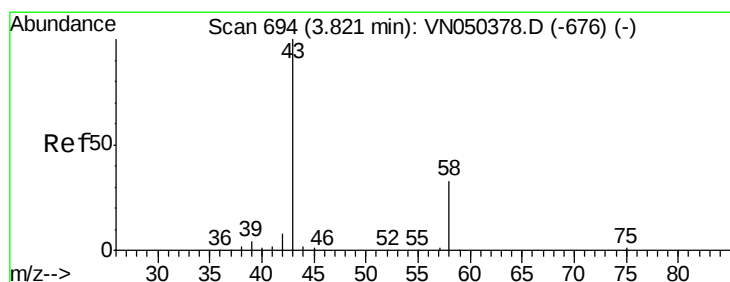
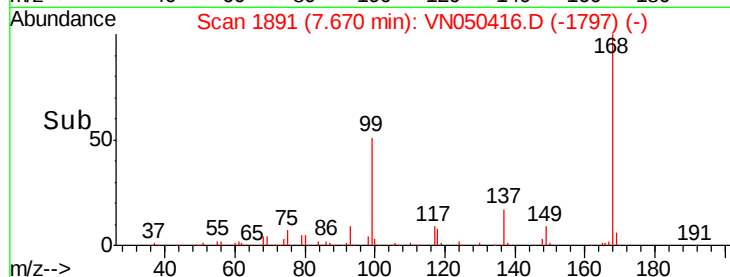
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.27 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050416.D

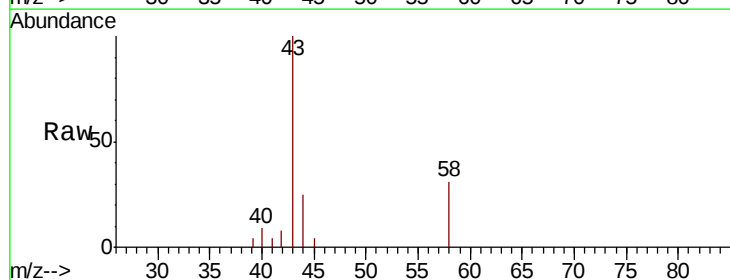
Acq: 7 Aug 2018 5:31

Tgt Ion: 43 Resp: 19218

Ion Ratio Lower Upper

43 100

58 31.1 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

8000

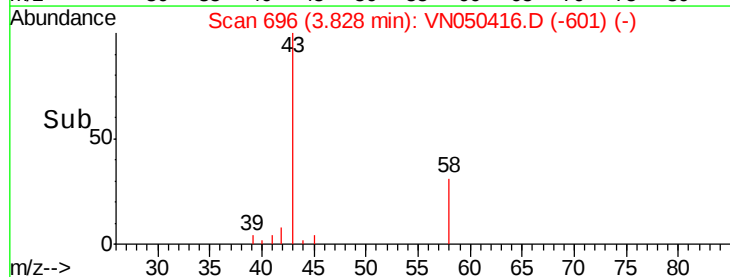
6000

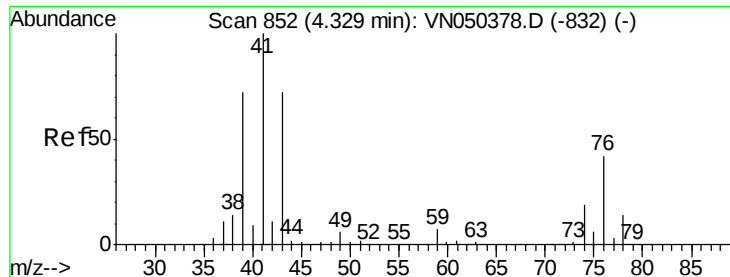
4000

2000

0

Time-->

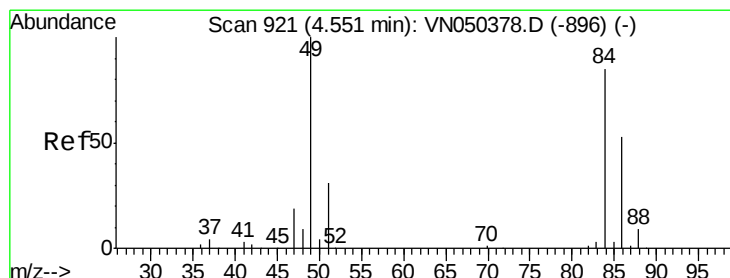
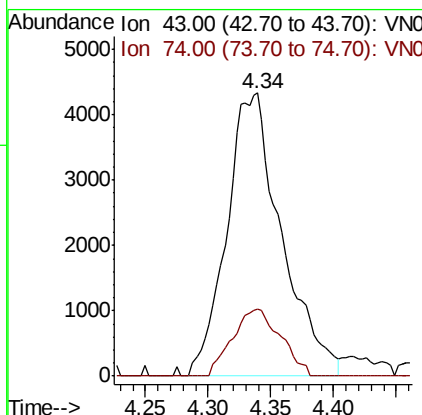
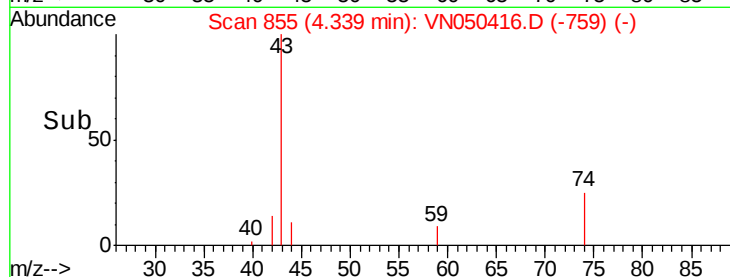
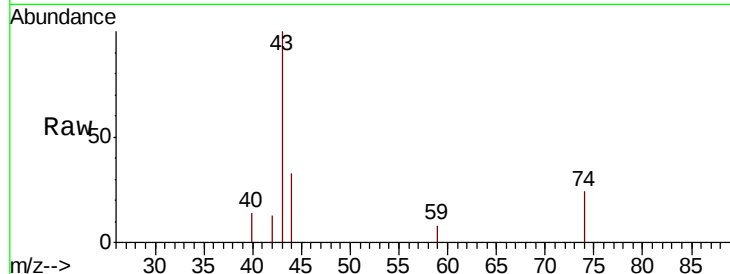




#18
Methyl Acetate
Concen: 1.82 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050416.D
Acq: 7 Aug 2018 5:31

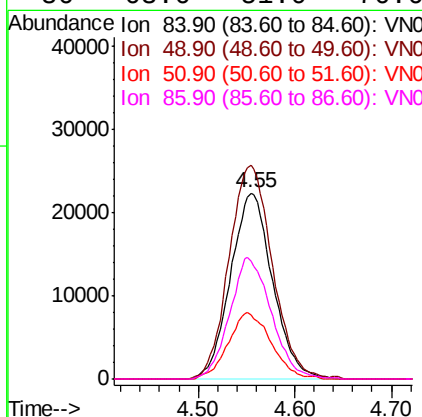
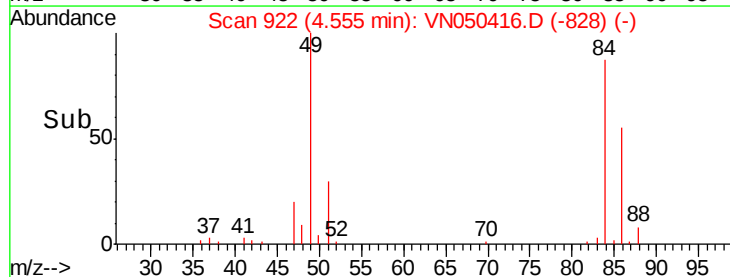
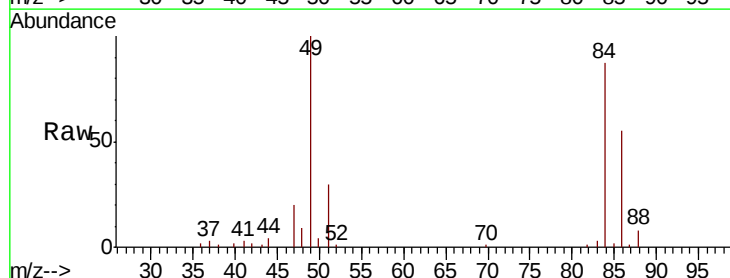
Instrument :
MSVOA_N
ClientSampleId :
CONCRETE-PILE-1

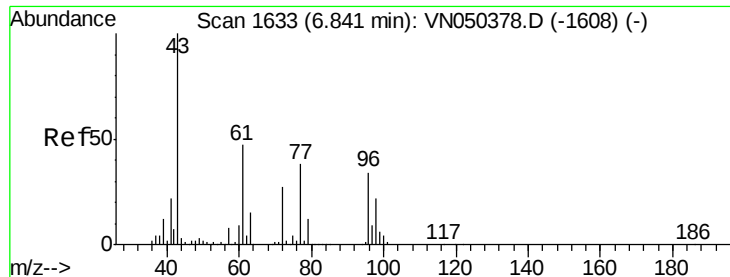
Tot Ion: 43 Resp: 13141
Ion Ratio Lower Upper
43 100
74 20.8 19.2 28.8



#20
Methylene Chloride
Concen: 7.40 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050416.D
Acq: 7 Aug 2018 5:31

Tgt Ion: 84 Resp: 67268
Ion Ratio Lower Upper
84 100
49 115.1 94.8 142.2
51 34.7 28.3 42.5
86 63.6 51.0 76.6

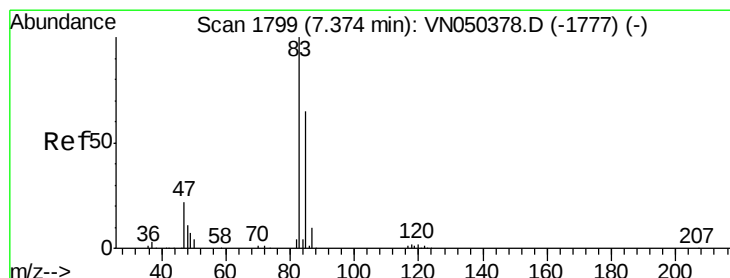
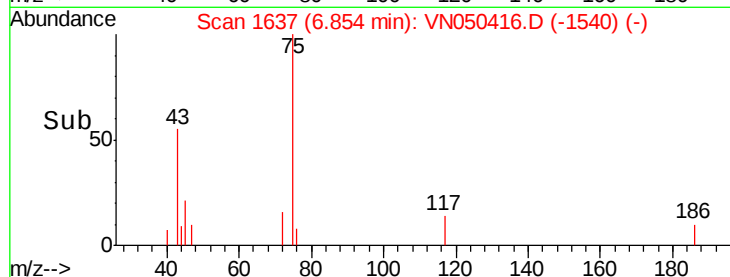
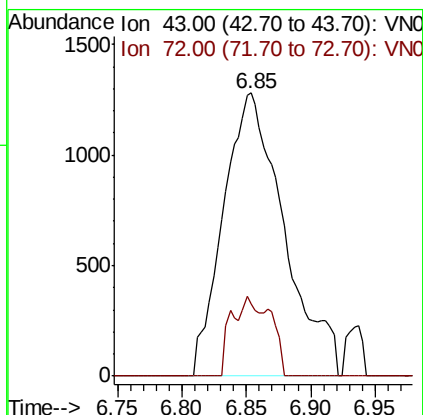
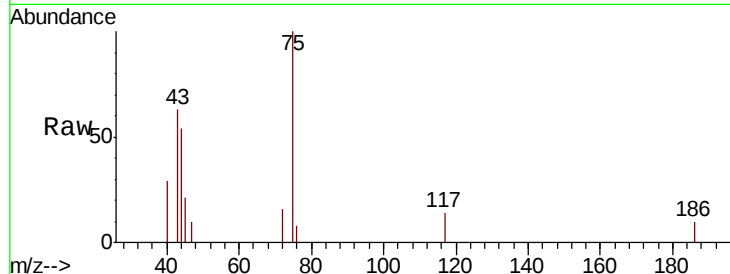




#25
2-Butanone
Concen: 1.00 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN050416.D
Acq: 7 Aug 2018 5:31

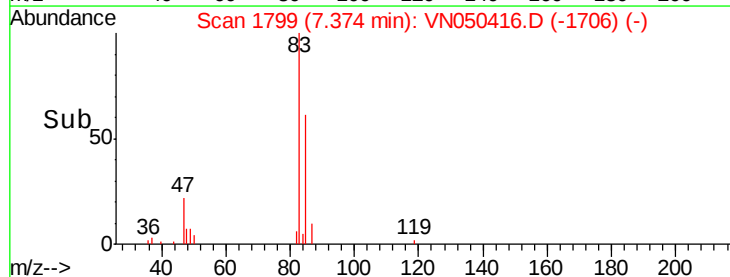
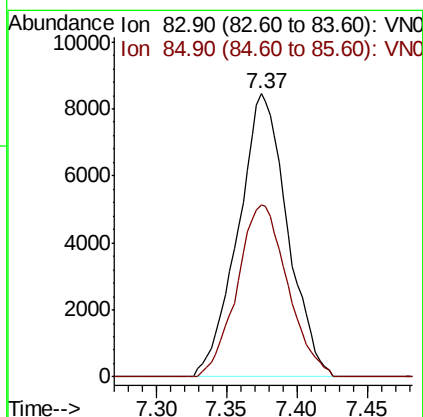
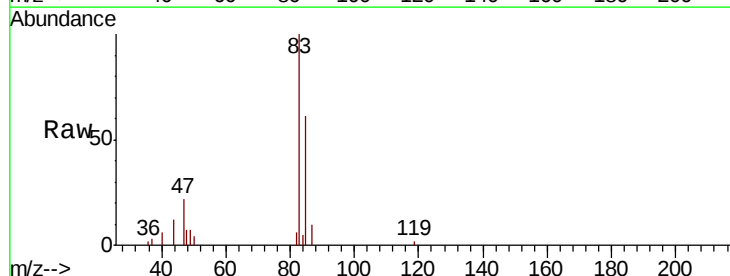
Instrument :
MSVOA_N
ClientSampleId :
CONCRETE-PILE-1

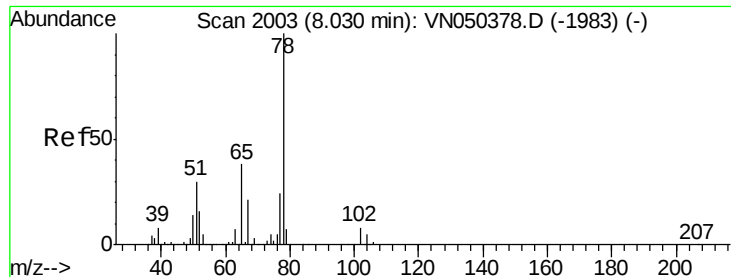
Tot Ion: 43 Resp: 4196
Ion Ratio Lower Upper
43 100
72 25.5 21.5 32.3



#30
Chloroform
Concen: 1.50 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN050416.D
Acq: 7 Aug 2018 5:31

Tgt Ion: 83 Resp: 20657
Ion Ratio Lower Upper
83 100
85 60.6 52.5 78.7





#33

1,2-Dichloroethane-d4

Concen: 52.82 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050416.D

Acq: 7 Aug 2018 5:31

Instrument :

MSVOA_N

ClientSampleId :

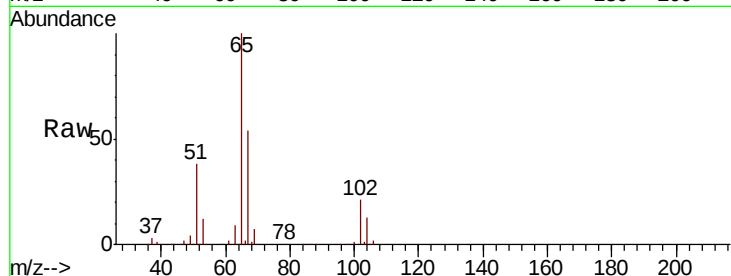
CONCRETE-PILE-1

Tot Ion: 65 Resp: 446684

Ion Ratio Lower Upper

65 100

67 53.7 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN050378.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050378.D (-1983) (-)

8.03

200000

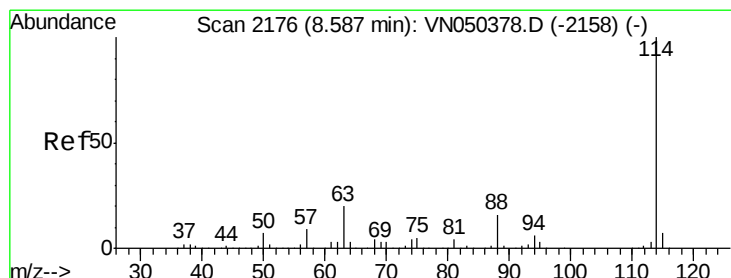
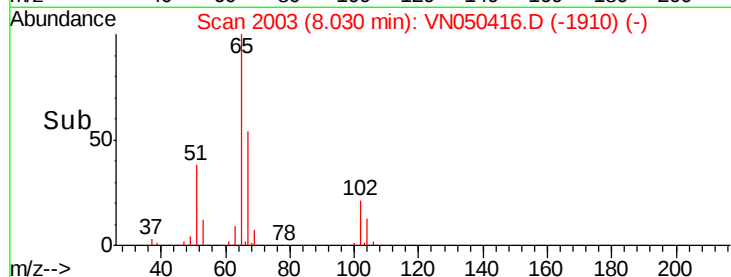
150000

100000

50000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050416.D

Acq: 7 Aug 2018 5:31

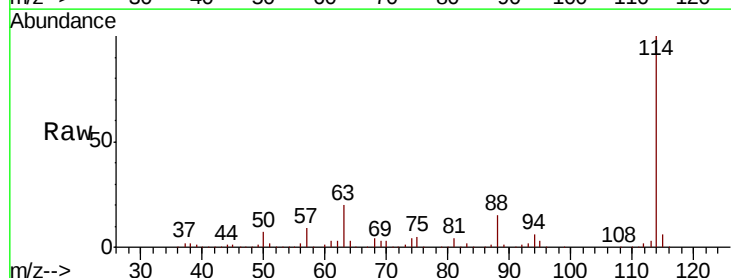
Tgt Ion: 114 Resp: 1042047

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

88 15.3 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): VN050378.D (-2158) (-)

Ion 63.00 (62.70 to 63.70): VN050378.D (-2158) (-)

Ion 87.90 (87.60 to 88.60): VN050378.D (-2158) (-)

8.59

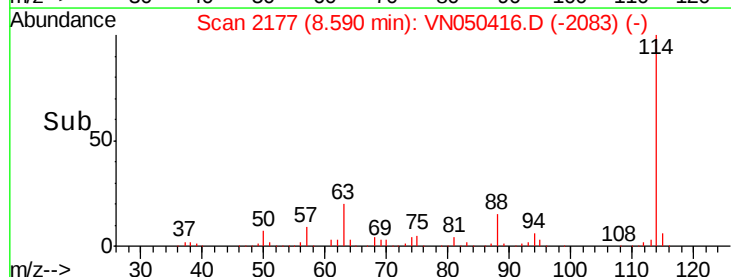
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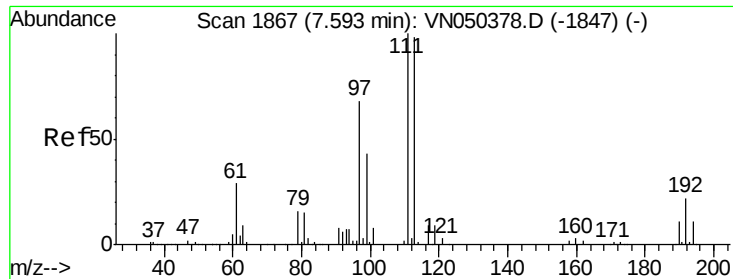
400000

200000

0

Time--> 8.50 8.60 8.70 8.80

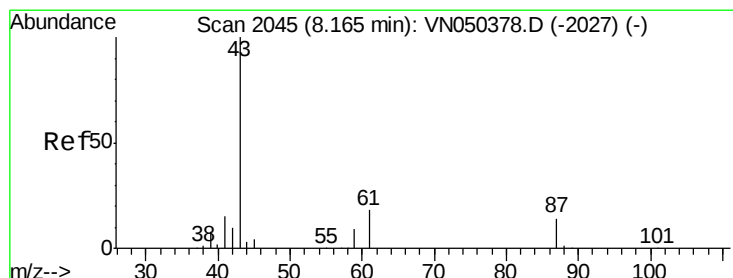
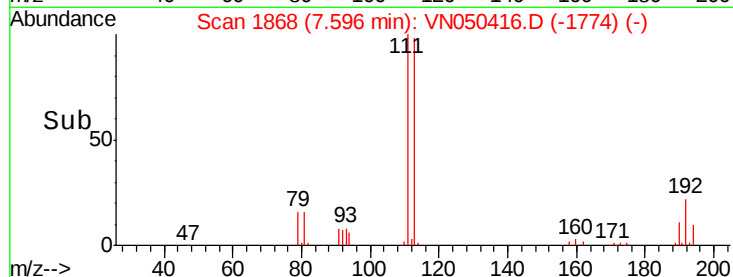
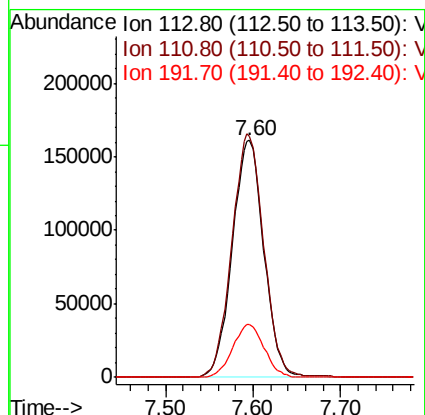
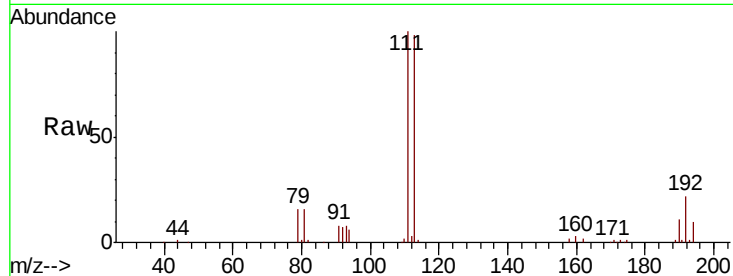




#35
 Dibromofluoromethane
 Concen: 48.30 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050416.D
 Acq: 7 Aug 2018 5:31

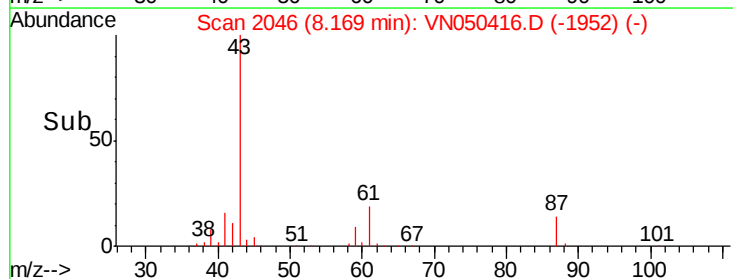
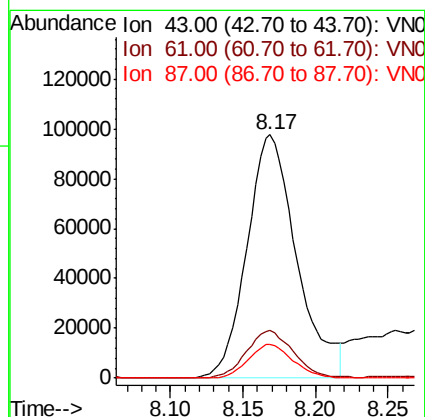
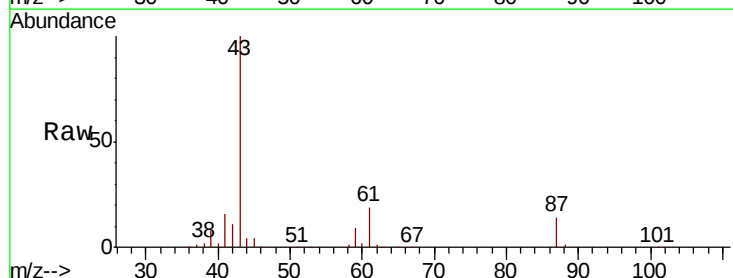
Instrument :
 MSVOA_N
 ClientSampleId :
 CONCRETE-PILE-1

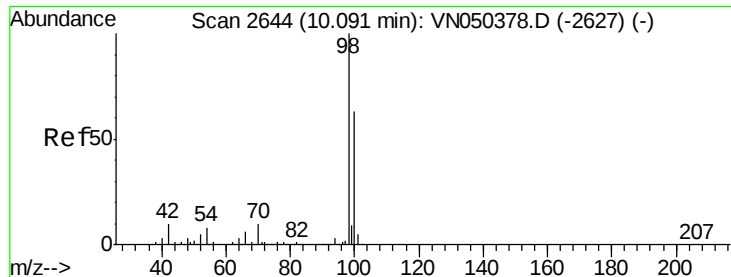
Tot Ion:113 Resp: 403876
 Ion Ratio Lower Upper
 113 100
 111 103.7 80.7 121.1
 192 22.3 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 16.35 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050416.D
 Acq: 7 Aug 2018 5:31

Tgt Ion: 43 Resp: 232774
 Ion Ratio Lower Upper
 43 100
 61 18.6 15.8 23.6
 87 12.5 10.3 15.5

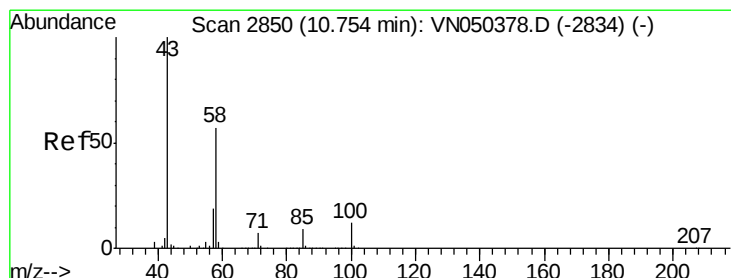
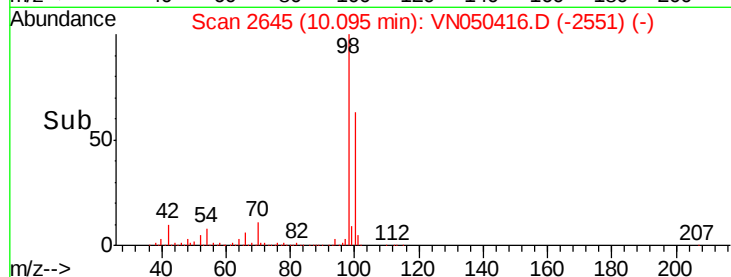
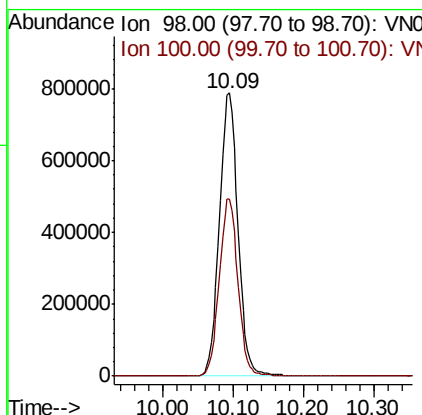
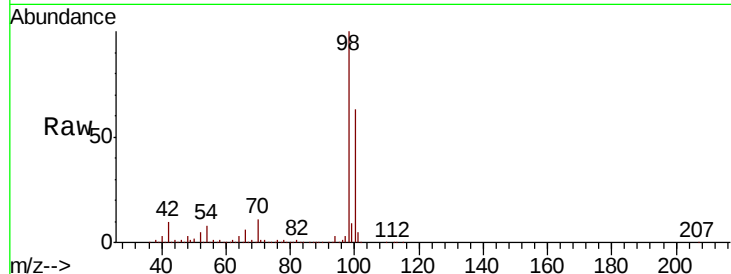




#50
Toluene-d8
Concen: 46.15 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050416.D
Acq: 7 Aug 2018 5:31

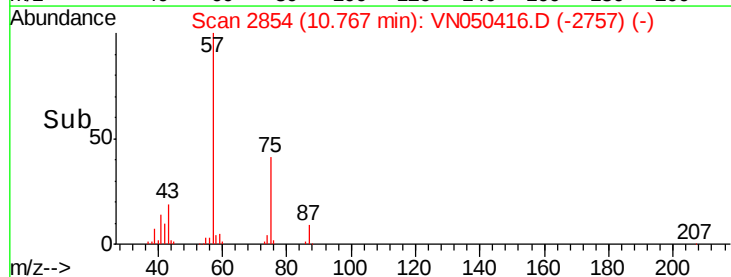
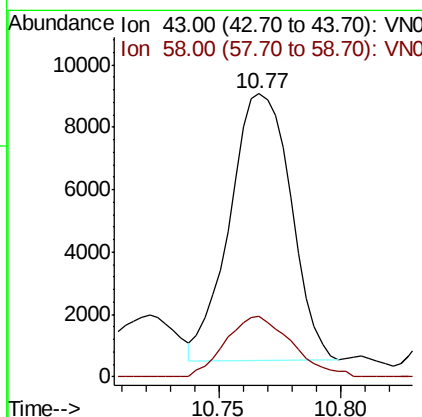
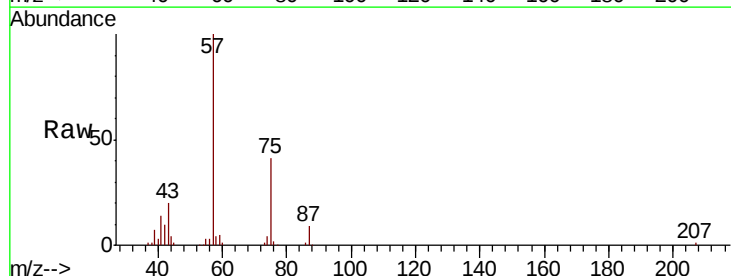
Instrument :
MSVOA_N
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CONCRETE-PILE-1

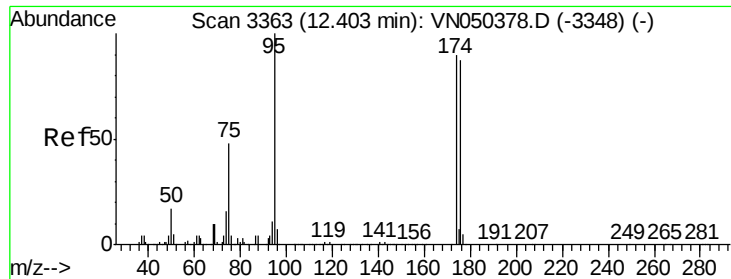
Tot Ion: 98 Resp: 1450893
Ion Ratio Lower Upper
98 100
100 63.0 50.7 76.1



#59
2-Hexanone
Concen: 2.08 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050416.D
Acq: 7 Aug 2018 5:31

Tgt Ion: 43 Resp: 14848
Ion Ratio Lower Upper
43 100
58 24.8 27.6 82.7#

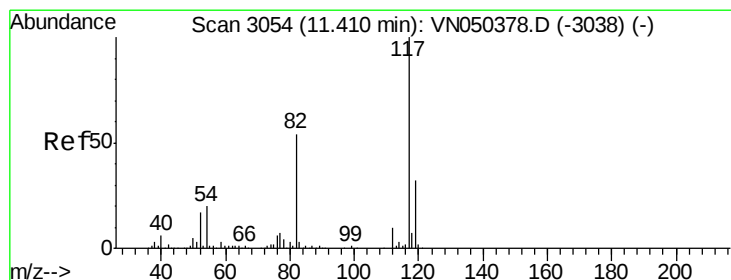
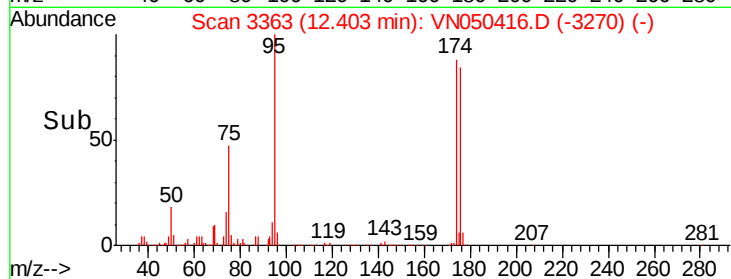
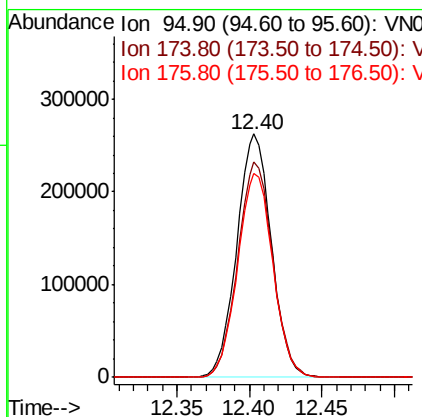
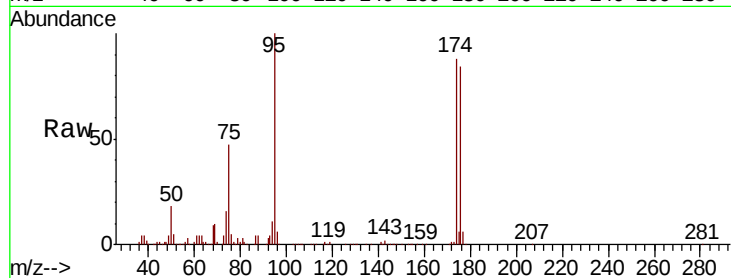




#62
4-Bromofluorobenzene
Concen: 40.53 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050416.D
Acq: 7 Aug 2018 5:31

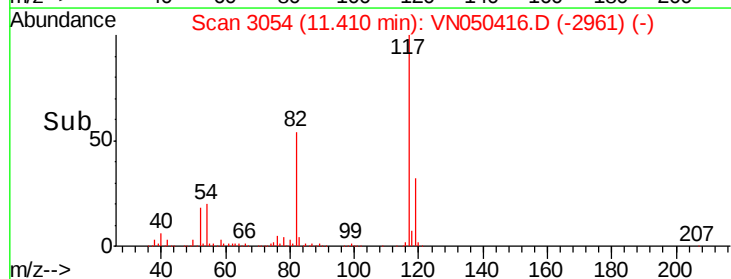
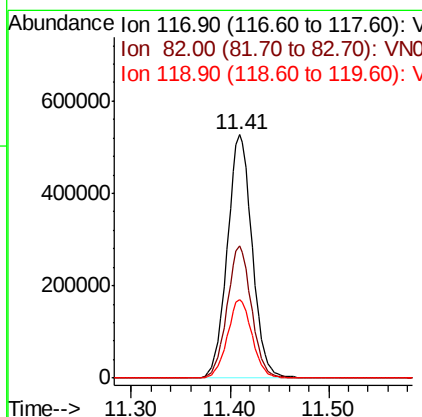
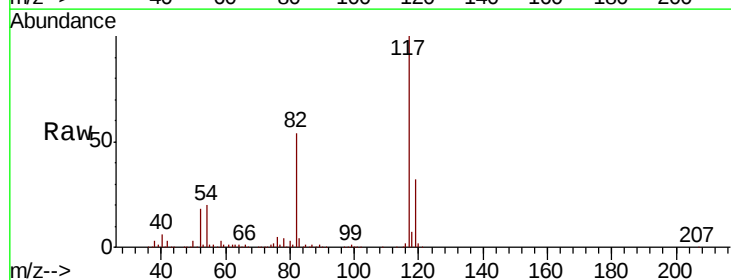
Instrument :
MSVOA_N
ClientSampleId :
CONCRETE-PILE-1

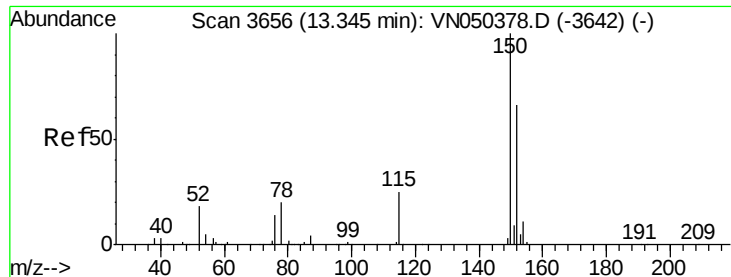
Tot Ion: 95 Resp: 434307
Ion Ratio Lower Upper
95 100
174 89.7 0.0 178.2
176 85.6 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050416.D
Acq: 7 Aug 2018 5:31

Tgt Ion: 117 Resp: 927277
Ion Ratio Lower Upper
117 100
82 54.4 43.7 65.5
119 32.3 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050416.D

Acq: 7 Aug 2018 5:31

Instrument :

MSVOA_N

ClientSampleId :

CONCRETE-PILE-1

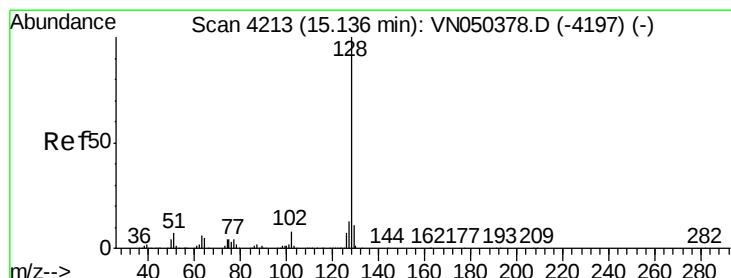
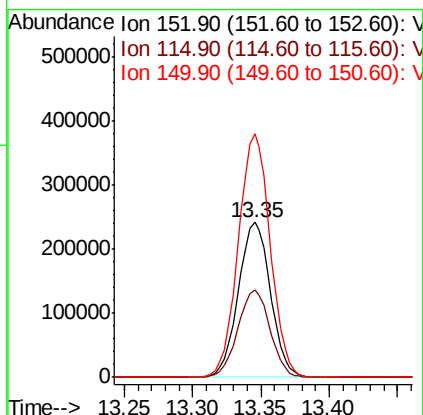
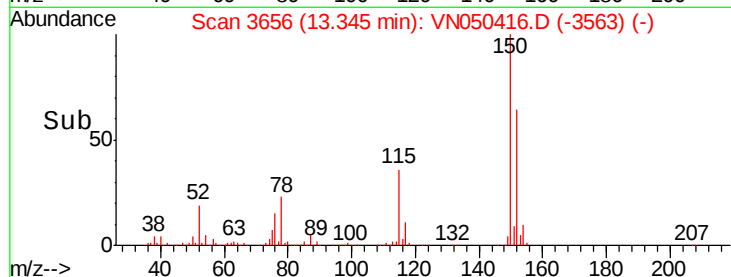
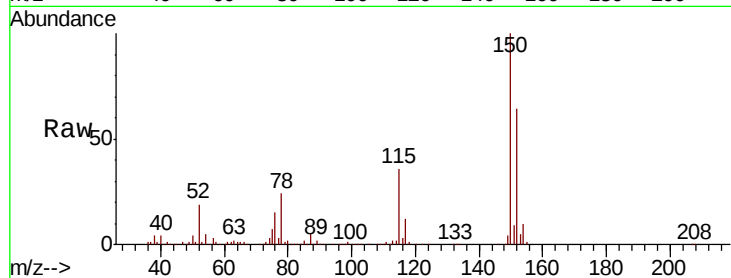
Tot Ion:152 Resp: 397008

Ion Ratio Lower Upper

152 100

115 56.3 27.8 83.3

150 155.3 0.0 348.6



#95

Naphthalene

Concen: 201.34 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050416.D

Acq: 7 Aug 2018 5:31

Tgt Ion:128 Resp: 4097413

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.0 8.8 13.2

